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Problems in the formation of structural properties of photosensitive films in processes for synthesizing photographic emulsions were taken up by Professor K. S. Lyalikov of LIKI in his report of research on the physical ripening of photographic emulsions. A new and very interesting feature of his work is the description of the effect of the stability of silver halide containing complex compounds on recrystallization. Further information here was added by P. F. Ipatov of Factory No 5 of GUKhP, Main Administration of the Chemical Industry).

V. L. Zelikman of NIKFI, (Scientific-Research Cinephoto Institute) read the third report. "The Effect of Conditions under Which Silver Halide Has Been Crystallized on the Interrelation of Photographic and Photometric Properties of Emulsions."

The problem of the dependence of the thickness and form of emulsion microcrystals on conditions of the synthesis of emulsions was taken up in a paper by P. V. Meyklyar, I. R. Protas, and P. Kh. Pruss, all of GOI. Another report by Protas, this time in collaboration with V. V. Vorob'yeva and Yu. A. Krakau was concerned with the problem of the relation between resolving capacities and microstructure of photographic emulsions.

Another GOI worker, L. P. Moroz, considered "The Resolving Power of a Photographic Film Combined with an Optical System." In this connection the author presented new data.

The last of the reports was read by G. S. Baranov of NIKFI.

During the plenary session devoted to problems concerning production and supply of photographic materials, the situation was reviewed by Engineer A. G. Shkulin, deputy chief, Main Administration of the Motion Picture Industry, Ministry of Cinematography USSR. A special group was instructed to look into these matters further.

Most of the activity of the Leningrad department during the year, dealt with subject matter of a historical nature. Transactions of this branch are to be published, and the first volume is already in progress.

The commission plans a third plenary session soon to be held in Leningrad to discuss the nature of photosensitivity and latent photographic images. In addition, it will prepare for an All-Union Conference on the Scientific and Technical Use of Photography and Cinematography, and another All-Union Conference on Color Photography and Cinematography, in addition to devoting long-range efforts to meetings in which optic sensitization of photographic films and new sources of light for cinematography and photographic sensitometry will be considered. The commission will also organize an all-Union meeting for the purpose of discussing problems in color photography and cinematography next year.

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